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M/EB 257/64
18 May 1964
Copy 1

MEMORANDUM FOR: Chief, Military-Economics Division, ORR

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ATTENTION:

THROUGH:

Chief, Requirements Branch, Reconnaissance Group, CGS

FROM:

Chief, CIA/PID (NPIC)

SUBJECT:

Sary Shagan Industrial Area

REFERENCES:

- (a) Requirement C-RR-4-81,050
- (b) CIA/PID Project C 294-64

1. This memorandum is in response to your requirement dated 4 February 1964 which requests detailed re-examination of the Sary Shagan Industrial Area with emphasis on the "cold flow" facility.

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2. All photo coverages [redacted] were used for this project. For convenience of analysis the Industrial Area is divided into four areas. Buildings shown in Figure 1 are keyed to the attached tables of building measurements for each area.

Area 1. Possible Sensitive Materials Handling Area. This area comprises the western end of the "Industrial Area" and contains structures 1 through 18. These facilities identified in PIC/JR-1010/61 as "probable cold flow facility" appear upon reconsideration to have some other function. The "cold flow" buildings (No. 4) do not have characteristics that might indicate that this is their function nor can the presence of two such buildings be justified in an installation of this size. A detailed isometric drawing of these buildings is attached (Figure 4). Jet engine testing was also considered as a function of these buildings. Comparisons with typical jet engine test facilities at Omsk 29, Kuybyshev 24 and Ufa 26A and 26B revealed no similarities. The Sary Shagan buildings are "L" shaped, are separated, have interior partitions, and have no adjoining buildings.

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Jet test buildings are usually "U" shaped, are joined in banks of cells, are free of interior partitions, and adjoin large assembly buildings. Buildings No. 3 and 8 are unusual in that they each have two extremely thick walls [redacted] A detailed isometric drawing of these buildings is attached (Figure 2). The thick walls indicate the probability of hazardous operations taking place within. At the western end of this area is a somewhat isolated (500 feet to the nearest building) secured transloading area where

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GROUP 1
Excluded from automatic
downgrading and
declassification

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SUBJECT: Sary Shagan Industrial Area

M/ES 257764

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sensitive materials may possibly be received. The road pattern indicates that the materials may be moved eastward from this area to Buildings 3 and 8 for initial handling. Possible small cranes (No. 16) astride the rail spur indicate unloading of less sensitive materials for use in nearby buildings. The only change within the area is the increase in size of Building 5.

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Area 2. Assembly and/or Checkout Area. This area contains Buildings 19 through 31. General flow pattern and four large drive-through buildings in this area indicate an assembly/checkout function. Buildings 20, 23 and 30 have high bays which may indicate the presence of interior cranes. A large secured transloading area with probable large gantry cranes for road to rail transfer of large items is also within this area. Detailed isometric drawings of Buildings 20, 23, 29, and 30 are attached (Figures 2, 3, 4, and 5). The only change is the addition of Building 27.

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Area 3. Administration and Support Area. This area contains Buildings 32 through 43. Several buildings in this area are gabled and hip roofed indicating administration functions. Others are large and flat roofed probably having a more direct functional support roll for Areas 1 and 2. A detailed drawing of Building 37 is attached (Figure 5). The only change which has been noted is the increase in size of Building 33.

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Area 4. Warehouse and Storage Area. This area contains a steam and heat plant and 19 warehouses. a new rail spur has been added to the eastern end of this area and eight new warehouses have been built.

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3. The photo analyst on this project may be contacted should you have any further questions concerning this project.

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4. This project is considered to be complete.

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Enclosures:

- 1 - Table of Measurements
- 2 - Five (5) line drawings

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Table of Measurements

Area 1

Building
Number

Remarks

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18Thick walls, near flat roof, see
isometric drawing
"L" shaped, see isometric drawing

Same as Building 3

Possible tank

Possible tank
Possible cranes19
20
21
22
23
24
25
26
27
28
29
30
31Gabled roof, height to eaves
High bay, drive-through, see
isometric drawing
Hip roofedHigh bay, drive-through, see
isometric drawingTwo sections with 3 wings, see
isometric drawing
Drive-through, high bay, see
isometric drawing

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S-12550

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Table of Measurements

Area 3

Building
NumberRemarks32
33
34
35
36
37
38
39
40
41
42
43

Gabled, height to eaves

Gabled, guard house, height to eaves

See isometric drawing
Hip roofed
Hip roofedGabled, height to eaves
Gabled, height to eaves

Steam and heat plant

Gable center section, height to eaves
Warehouse
Warehouse
Warehouse
Warehouse
Warehouse
Gabled roof, height to eaves
Warehouse
Warehouse
Warehouse
Warehouse
Warehouse
Warehouse
Warehouse

25X1D

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S-12550

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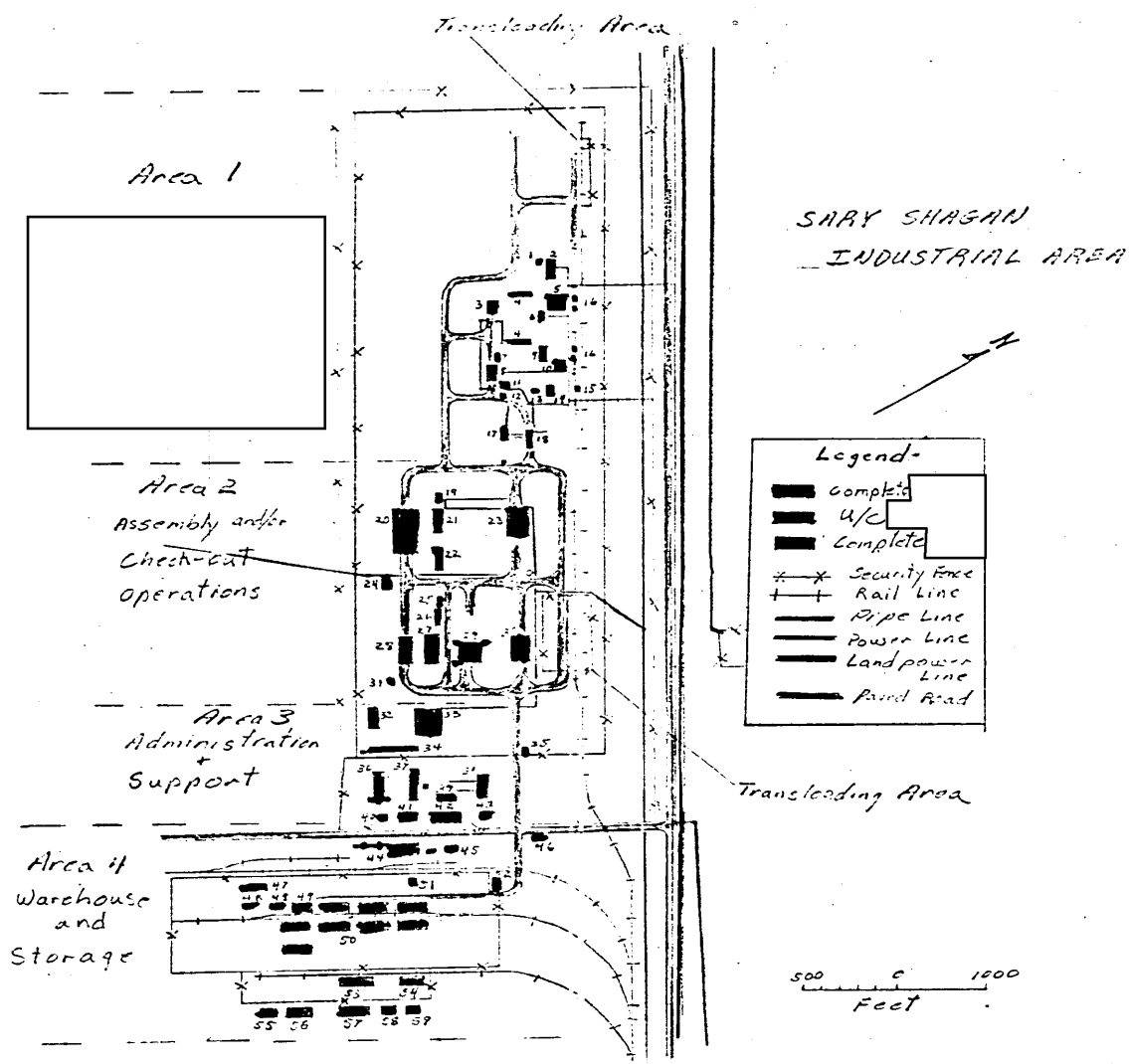


FIGURE 1

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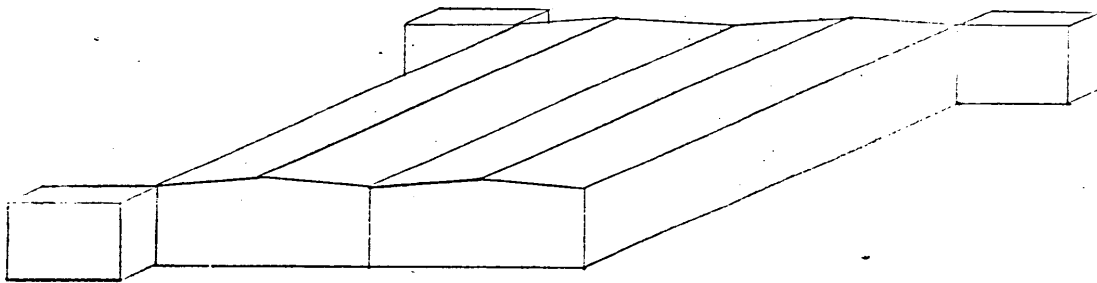
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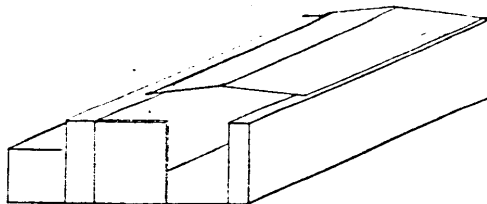
Bldg No 29 Complete



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Bldgs No 3 & 8 u/c



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Figure 2

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Bldg No. 20 Complete

50'

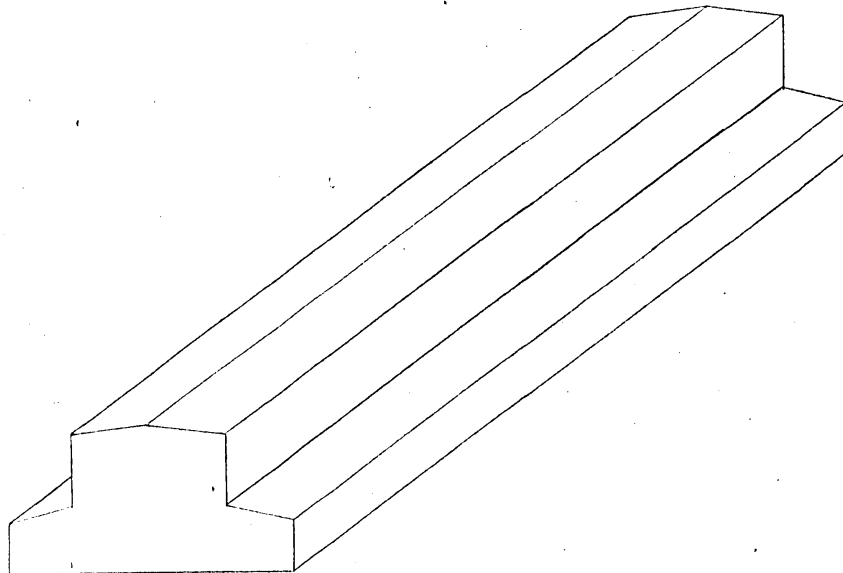


Figure 3

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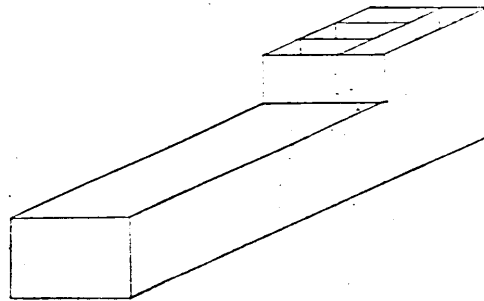
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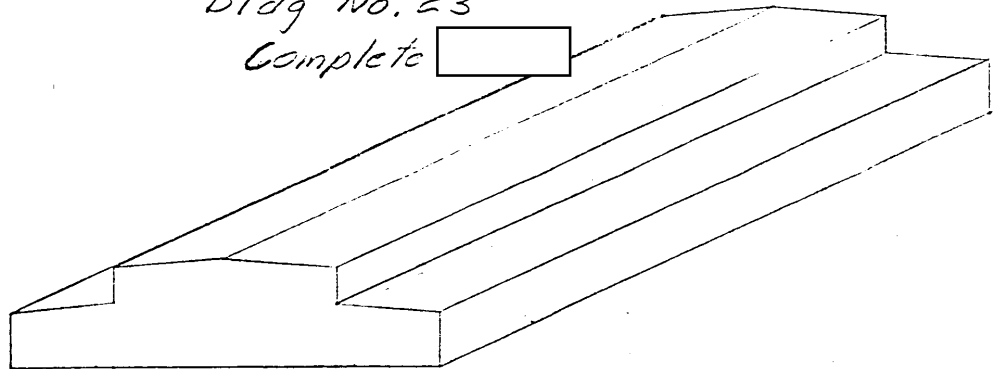
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Bldgs. No. 4 U/C



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Bldg No. 23
Complete



50'

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Figure 4

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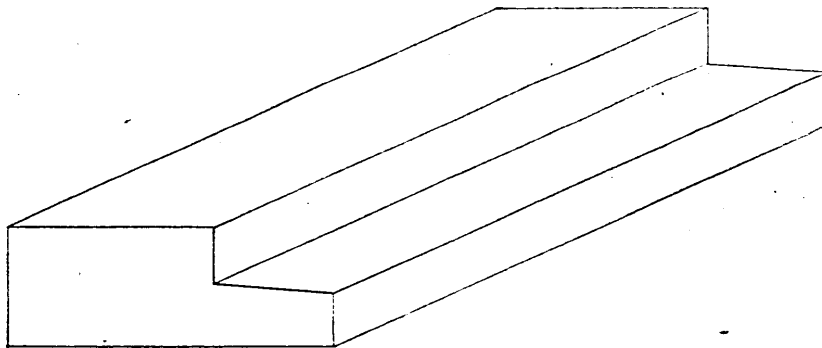
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Bldg No. 30 Complete



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Bldg No 37
Complete

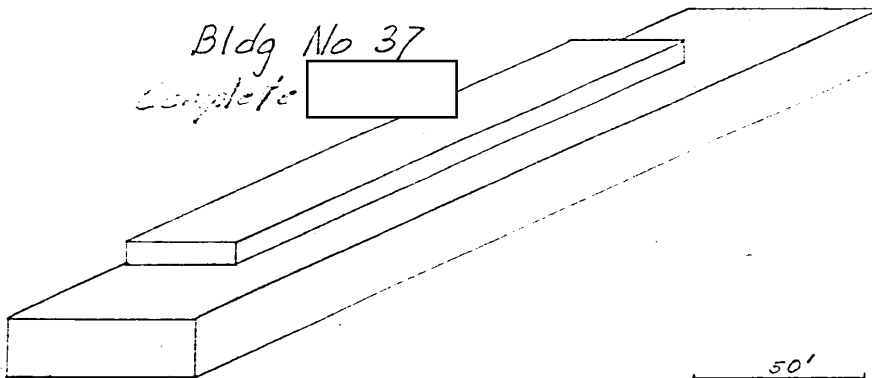


Figure 5

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